

a mode switch disposed in the housing in communication with the control apparatus, the mode switch configured to be magnetically activated by a magnetic activation device, the activated mode switch and control apparatus cooperable to effect at least one operational mode of the functional device.

2 14. The mirror arrangement of Claim 13, wherein the functional device is a plurality of functional devices selected from the group consisting of an optical display device, a gyroscopic device, a mirror positioning apparatus, a temperature sensor, and combinations thereof.

3 15. The mirror arrangement of Claim 14, wherein the optical display device is integrated in the mirror pane, the optical display device configured to be visible when activated by the mode switch via the control apparatus.

4 16. The mirror arrangement of Claim 13, wherein the control apparatus is a computer, the computer configured to act as an interface between the functional device and the mode switch, the computer having at least one software program stored therein to activate the at least one operational mode when activated by the mode switch.

5 17. The mirror arrangement of Claim 13, wherein the mode switch activates a diagnostic program to test the functional device.

b6
18. The mirror arrangement of Claim *17*, wherein the mode switch is a plurality of mode switches.

b6
19. The mirror arrangement of Claim *18*, wherein at least one of the mode switches is configured to selectively test the at least one operational mode.

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20. The mirror arrangement of Claim *18*, wherein the plurality of mode switches are disposed apart from each other in the housing such that the activation device selectively and separately activates the plurality of mode switches.

b1
21. The mirror arrangement of Claim *18*, wherein the mode switch is located on an interior of the housing.

b1
22. (Amended) The mirror arrangement of Claim *18*, wherein the mode switch is located proximate the mirror pane.

b1
23. The mirror arrangement of Claim *18*, wherein the activation device is disposed externally apart from the housing.

*b2
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24. (Amended) The mirror arrangement of Claim *18*, wherein the activation device is a permanent magnet, the permanent magnet configured to activate the mode switch from a position proximate the mode switch.

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25. The mirror arrangement of Claim 13, wherein the activation device activates the mode switch by a coded magnetic impulse, the impulse configured to initiate a discrete operation of the at least one operational mode.

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26. The mirror arrangement of Claim 13, further comprising a marking template having at least one indicator such that when the marking template is positioned proximate the mirror pane, the indicator indicates a position of the mode switch.

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15 27. (Amended) The mirror arrangement of Claim 26, wherein the mirror pane has at least one shaped area and the marking template has at least one complementary shaped area such that the marking template can be oriented positively on the mirror pane to indicate the position of the mode switch.

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28. (Amended) The mirror arrangement of Claim 26, wherein the marking template defines a label indicating a positive orientation of the marking template relative to the mirror pane.

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29. (Amended) The mirror arrangement of Claim 26, wherein the mode switch is disposed proximate an interior of the mirror housing away from the mirror pane, the marking template defining a flexible extension configured to wrap about a portion of an exterior of the housing to indicate the position of the mode switch when the marking plate is positioned proximate the mirror pane.

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Concluded

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30. (Amended) The mirror arrangement of Claim 29, wherein the flexible extension defines the at least one indicator and a legend thereon signifying a function of the mode switch.

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31. (Amended) The mirror arrangement of Claim 28, wherein the marking template defines a plurality of indicators and a plurality of extensions having a plurality of legends thereon to signify a plurality of functions of a plurality of mode switches.

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32. A service kit for a vehicle mirror assembly having a housing defining an exterior and an interior, a control apparatus, at least one functional device, and a mode switch disposed in the interior, and a mirror pane attached to the exterior, the service kit comprising:

a template configured to be removably positioned proximate the mirror pane to mark externally a position of the mode switch;

an activation device configured to selectively activate the mode switch, the mode switch in electronic communication with the control apparatus and configured to activate a software program in the control apparatus to effect a discrete mode of operation by the at least one functional device.

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33. The service kit of Claim 32, wherein the mode switch is disposed proximate the mirror pane, the template configured to complement a shape of the mirror pane to indicate the position of the mode switch proximate the mirror pane.

22
34. The service kit of Claim *33*, wherein the template has a legend disposed thereon to signify a function of the mode switch.

23
35. The service kit of Claim *32*, wherein the mode switch is disposed in the interior apart from the mirror pane, the template having at least one flexible extension configured to wrap about an exterior portion of the housing to indicate the position of the mode switch.

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36. The service kit of Claim *35*, wherein the template is cardboard.

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37. The service kit of Claim *32*, wherein the control apparatus is a computer having a program responsive to a coded signal to selectively activate the mode switch, the activation device configured to deliver the coded signal to activate the at least one functional device.

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38. The service kit of Claim *37*, wherein the activation device is a permanent magnet and the coded signal is a pulsed magnetic signal.

27
39. A method of diagnostically servicing a vehicle mirror assembly having a mirror housing with at least one mirror pane, the method comprising the steps of:
a) providing an activation device configured to selectively activate from external the mirror housing a mode switch disposed in the mirror housing, the mode switch in communication with a control apparatus configured

to activate a mode of operation of a functional device disposed in the mirror housing.

b) providing an indicator template to indicate a position of the mode switch, the indicator template defining a complementary shape to a shape of the at least one mirror pane for positive external placement proximate the at least one mirror pane;

c) positioning the indicator template proximate the at least one mirror pane to indicate the position of the mode switch;

d) ascertaining the mode of operation of the mode switch from a legend disposed on the indicator template;

e) programming an activation signal of the activation device to correspond to the ascertained mode of operation;

f) positioning the activation device proximate the mode switch as indicated by the indicator template; and

g) delivering the activation signal from the activation device to the mode switch to activate the mode of operation of the functional device for a diagnostic service.

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28 27
40. The method of Claim 39, further comprising the steps of:

performing the diagnostic service on the functional device during the activated mode of operation;

setting a reset signal in the activation device upon completion of the diagnostic service; and

delivering the reset signal from the activation device to the mode switch to return the functional device to a state in step a.

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41. The method of Claim ⁴⁰, further comprising the step of removing the indicator template from proximate the at least one mirror.

³⁰
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42. The method of Claim ³⁰, wherein the indicator template has at least one extension having a mark disposed thereon to indicate the mode switch disposed in the mirror housing away from the at least one mirror pane.

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43. The method of Claim ⁴², further comprising the substep of wrapping the at least one extension about an external portion of the mirror housing to indicate the mode switch before step d.
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³²
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44. The method of Claim ³⁰, wherein the activation device is a permanent magnet configured to deliver the activation signal as a coded magnetic pulse.

³³
45. A method of diagnostically servicing a vehicle mirror assembly having a mirror housing with a plurality of mirror panes, the method comprising the steps of:

- a) providing a magnetic activation device configured to selectively activate from external the mirror housing a plurality of mode switches disposed in the mirror housing;

- b) providing an indicator template configured for placement proximate the plurality of mirror panes, the indicator template defining a plurality of complementary shapes corresponding to the plurality of mirror panes;
- c) placing the indicator template proximate the plurality of mirror panes to indicate a plurality of positions corresponding to the plurality of mode switches; and
- d) selectively activating at least one of the mode switches to effect an operation of a functional device disposed in the mirror housing.

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~~34~~ 46. The method of Claim ~~45~~³³, further comprising the substep of resetting the at least one activated mode switch.

~~35~~ 47. The method of Claim ~~45~~³³, wherein the indicator template is unitarily constructed.

~~36~~ 48. The method of Claim ~~47~~³⁵, wherein the indicator template is a plurality of individual indicator templates.

~~77~~ 49. The method of Claim ~~45~~³³, wherein the activation device selectively activates the at least one mode switch via a coded magnetic pulse, the at least one mode switch configured to communicate the pulse to a control apparatus to effect the operation of the functional device.

~~38~~ 50. A mirror arrangement for a vehicle comprising:

a mirror housing with a mirror pane and a functional device disposed in the mirror housing, the functional device configured to change a presentation of the mirror pane; and

a magnetic activation device configured for placement proximate the mirror housing to effect at least one operational mode of the functional device.

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51. The mirror arrangement of Claim 50, further comprising a control apparatus with a mode switch disposed in the mirror housing, the control apparatus in communication with the functional device, the mode switch configured to be magnetically activated by the magnetic activation device, the magnetically activated mode switch cooperable with the control apparatus to effect at least one operational mode of the functional device.

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52. The mirror arrangement of Claim 50, wherein the functional device is a plurality of functional devices selected from the group consisting of an optical display device, a gyroscopic device, a mirror positioning apparatus, a temperature sensor, and combinations thereof.

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53. The mirror arrangement of Claim 50, wherein the mode switch activates a diagnostic program to test the functional device.

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54. The mirror arrangement of Claim 50, wherein the magnetic activation device is disposed externally apart from the mirror housing.

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55. The mirror arrangement of Claim 50, wherein the magnetic activation device activates the mode switch by a coded magnetic impulse, the impulse configured to initiate a discrete operation of the at least one operational mode.

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56. The mirror arrangement of Claim 50, further comprising a marking template having at least one indicator such that when the marking template is positioned proximate the mirror pane, the indicator indicates a position of the mode switch.

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57. A method of servicing a vehicle mirror assembly comprising the steps of:

- a) providing a mirror housing with a mirror pane;
- b) providing a magnetic activation device configured to selectively activate a mode switch disposed in the mirror housing, the magnetic activation device operable from external the mirror housing;
- c) placing the magnetic activation device proximate the mirror housing to selectively activate the mode switch; and
- d) activating a mode of operation of a functional device disposed in the mirror housing, the mode of operation configured for a diagnostic service.

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58. The method of Claim 57, further comprising the substep of providing an indicator template to indicate a position of the mode switch, the indicator template defining a complimentary shape relative to a shape of the mirror pane for positive placement of the indicator template proximate the mirror pane.

Rule 12b

47 59. The method as in Claim 58, wherein the indicator template has at least one extension having a mark disposed thereon to indicate the mode switch disposed in the mirror housing.

48 60. The method as in Claim 59, further comprising the substep of programming an activation signal in the activation device to correspond to a selected mode of operation.

49 61. The method as in Claim 60, further comprising the substep of positioning the activation device proximate the mode switch as indicated by the indicator template.

REMARKS

In this Supplemental Preliminary Amendment, Applicants have amended Claims 22, 24, and 27-31 merely to administratively correct claims numbering. Thus, Claims 13-61 are pending and of the pending claims, Claims 13, 32, 39, 45, 50 and 57 are Independent Claims.

Applicants respectfully request consideration and examination of the present application and the timely allowance of the pending claims.

The Examiner is encouraged to contact the undersigned at his convenience should he have any questions regarding this application.

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specification. The substitute specification corrects these matters and will greatly facilitate prosecution of the application. Applicants submit that no new matter is injected into the application by way of the substitute specification. A marked-up copy of the English language specification is enclosed for the Examiner's reference.

IN THE CLAIMS

Please cancel Claims 1-12 and enter new Claims 13 through 61 as follows:

That which is claimed:

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1 --13. (New) A mirror arrangement affixable to a vehicle comprising:

a mirror housing with a mirror pane;
a functional device disposed in the mirror housing, the functional device configured to change a presentation of the mirror pane;
a control apparatus disposed in the mirror housing, the control apparatus in communication with the functional device; and
a mode switch disposed in the housing in communication with the control apparatus, the mode switch configured to be magnetically activated by a magnetic activation device, the activated mode switch and control apparatus cooperable to effect at least one operational mode of the functional device.

2 --14. (New) The mirror arrangement of Claim 13, wherein the functional device is a plurality of functional devices selected from the group consisting of an optical

display device, a gyroscopic device, a mirror positioning apparatus, a temperature sensor, and combinations thereof.

~~3~~ 15. (New) The mirror arrangement of Claim ~~14~~², wherein the optical display device is integrated in the mirror pane, the optical display device configured to be visible when activated by the mode switch via the control apparatus.

~~4~~ 16. (New) The mirror arrangement of Claim ~~13~~¹, wherein the control apparatus is a computer, the computer configured to act as an interface between the functional device and the mode switch, the computer having at least one software program stored therein to activate the at least one operational mode when activated by the mode switch.

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~~5~~ 17. (New) The mirror arrangement of Claim ~~13~~¹, wherein the mode switch activates a diagnostic program to test the functional device.

~~6~~ 18. (New) The mirror arrangement of Claim ~~17~~⁵, wherein the mode switch is a plurality of mode switches.

~~7~~ 19. (New) The mirror arrangement of Claim ~~18~~⁶, wherein at least one of the mode switches is configured to selectively test the at least one operational mode.

~~8~~ 20. (New) The mirror arrangement of Claim ~~18~~⁶, wherein the plurality of mode switches are disposed apart from each other in the housing such that the

activation device selectively and separately activates the plurality of mode switches.

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21. (New) The mirror arrangement of Claim 13, wherein the mode switch is located on an interior of the housing.

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22. (New) The mirror arrangement of Claim 22, wherein the mode switch is located proximate the mirror pane.

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23. (New) The mirror arrangement of Claim 13, wherein the activation device is disposed externally apart from the housing.

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24. (New) The mirror arrangement of Claim 24, wherein the activation device is a permanent magnet, the permanent magnet configured to activate the mode switch from a position proximate the mode switch.

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25. (New) The mirror arrangement of Claim 13, wherein the activation device activates the mode switch by a coded magnetic impulse, the impulse configured to initiate a discrete operation of the at least one operational mode.

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26. (New) The mirror arrangement of Claim 13, further comprising a marking template having at least one indicator such that when the marking template is positioned proximate the mirror pane, the indicator indicates a position of the mode switch.

15
27. (New) The mirror arrangement of Claim *27*, wherein the mirror pane has at least one shaped area and the marking template has at least one complementary shaped area such that the marking template can be oriented positively on the mirror pane to indicate the position of the mode switch.

16
28. (New) The mirror arrangement of Claim *27*, wherein the marking template defines a label indicating a positive orientation of the marking template relative to the mirror pane.

17
29. (New) The mirror arrangement of Claim *27*, wherein the mode switch is disposed proximate an interior of the mirror housing away from the mirror pane, the marking template defining a flexible extension configured to wrap about a portion of an exterior of the housing to indicate the position of the mode switch when the marking plate is positioned proximate the mirror pane.
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30. (New) The mirror arrangement of Claim *30*, wherein the flexible extension defines the at least one indicator and a legend thereon signifying a function of the mode switch.

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31. (New) The mirror arrangement of Claim *27*, wherein the marking template defines a plurality of indicators and a plurality of extensions having a plurality of legends thereon to signify a plurality of functions of a plurality of mode switches.

2⁰ 32. (New) A service kit for a vehicle mirror assembly having a housing defining an exterior and an interior, a control apparatus, at least one functional device, and a mode switch disposed in the interior, and a mirror pane attached to the exterior, the service kit comprising:

a template configured to be removably positioned proximate the mirror pane to mark externally a position of the mode switch;

an activation device configured to selectively activate the mode switch, the mode switch in electronic communication with the control apparatus and configured to activate a software program in the control apparatus to effect a discrete mode of operation by the at least one functional device.

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2¹ 33. (New) The service kit of Claim 32, wherein the mode switch is disposed proximate the mirror pane, the template configured to complement a shape of the mirror pane to indicate the position of the mode switch proximate the mirror pane.

2² 34. (New) The service kit of Claim 33, wherein the template has a legend disposed thereon to signify a function of the mode switch.

2³ 35. (New) The service kit of Claim 32, wherein the mode switch is disposed in the interior apart from the mirror pane, the template having at least one flexible extension configured to wrap about an exterior portion of the housing to indicate the position of the mode switch.

2⁴ 36. (New) The service kit of Claim 35, wherein the template is cardboard.

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37. (New) The service kit of Claim ~~32~~²⁰, wherein the control apparatus is a computer having a program responsive to a coded signal to selectively activate the mode switch, the activation device configured to deliver the coded signal to activate the at least one functional device.

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38. (New) The service kit of Claim ~~37~~²⁵, wherein the activation device is a permanent magnet and the coded signal is a pulsed magnetic signal.

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39. (New) A method of diagnostically servicing a vehicle mirror assembly having a mirror housing with at least one mirror pane, the method comprising the steps of:

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- a) providing an activation device configured to selectively activate from external the mirror housing a mode switch disposed in the mirror housing, the mode switch in communication with a control apparatus configured to activate a mode of operation of a functional device disposed in the mirror housing.

- b) providing an indicator template to indicate a position of the mode switch, the indicator template defining a complementary shape to a shape of the at least one mirror pane for positive external placement proximate the at least one mirror pane;

- c) positioning the indicator template proximate the at least one mirror pane to indicate the position of the mode switch;

- d) ascertaining the mode of operation of the mode switch from a legend disposed on the indicator template;
- e) programming an activation signal of the activation device to correspond to the ascertained mode of operation;
- f) positioning the activation device proximate the mode switch as indicated by the indicator template; and
- g) delivering the activation signal from the activation device to the mode switch to activate the mode of operation of the functional device for a diagnostic service.

Rule 124

28 40. (New) The method of Claim *39*, further comprising the steps of:

- 27 performing the diagnostic service on the functional device during the activated mode of operation;
- setting a reset signal in the activation device upon completion of the diagnostic service; and
- delivering the reset signal from the activation device to the mode switch to return the functional device to a state in step a.

29 41. (New) The method of Claim *40*, further comprising the step of removing the indicator template from proximate the at least one mirror.

38 42. (New) The method of Claim *39*, wherein the indicator template has at least one extension having a mark disposed thereon to indicate the mode switch disposed in the mirror housing away from the at least one mirror pane.

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43. (New) The method of Claim 42, further comprising the substep of wrapping the at least one extension about an external portion of the mirror housing to indicate the mode switch before step d.

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44. (New) The method of Claim 39, wherein the activation device is a permanent magnet configured to deliver the activation signal as a coded magnetic pulse.

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45. (New) A method of diagnostically servicing a vehicle mirror assembly having a mirror housing with a plurality of mirror panes, the method comprising the steps of:

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- a) providing a magnetic activation device configured to selectively activate from external the mirror housing a plurality of mode switches disposed in the mirror housing;
 - b) providing an indicator template configured for placement proximate the plurality of mirror panes, the indicator template defining a plurality of complementary shapes corresponding to the plurality of mirror panes;
 - c) placing the indicator template proximate the plurality of mirror panes to indicate a plurality of positions corresponding to the plurality of mode switches; and
 - d) selectively activating at least one of the mode switches to effect an operation of a functional device disposed in the mirror housing.

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46. (New) The method of Claim 45, further comprising the substep of resetting the at least one activated mode switch.

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47. (New) The method of Claim 45, wherein the indicator template is unitarily constructed.

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48. (New) The method of Claim 47, wherein the indicator template is a plurality of individual indicator templates.

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49. (New) The method of Claim 45, wherein the activation device selectively activates the at least one mode switch via a coded magnetic pulse, the at least one mode switch configured to communicate the pulse to a control apparatus to effect the operation of the functional device.

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50. (New) A mirror arrangement for a vehicle comprising:

a mirror housing with a mirror pane and a functional device disposed in the mirror housing, the functional device configured to change a presentation of the mirror pane; and

a magnetic activation device configured for placement proximate the mirror housing to effect at least one operational mode of the functional device.

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51. (New) The mirror arrangement of Claim 50, further comprising a control apparatus with a mode switch disposed in the mirror housing, the control apparatus in communication with the functional device, the mode switch

configured to be magnetically activated by the magnetic activation device, the magnetically activated mode switch cooperable with the control apparatus to effect at least one operational mode of the functional device.

40 38
52. (New) The mirror arrangement of Claim ~~50~~, wherein the functional device is a plurality of functional devices selected from the group consisting of an optical display device, a gyroscopic device, a mirror positioning apparatus, a temperature sensor, and combinations thereof.

41 38
53. (New) The mirror arrangement of Claim ~~50~~, wherein the mode switch activates a diagnostic program to test the functional device.

42 38
54. (New) The mirror arrangement of Claim ~~50~~, wherein the magnetic activation device is disposed externally apart from the mirror housing.

43 38
55. (New) The mirror arrangement of Claim ~~50~~, wherein the magnetic activation device activates the mode switch by a coded magnetic impulse, the impulse configured to initiate a discrete operation of the at least one operational mode.

44 38
56. (New) The mirror arrangement of Claim ~~50~~, further comprising a marking template having at least one indicator such that when the marking template is positioned proximate the mirror pane, the indicator indicates a position of the mode switch.

~~45~~

57. (New) A method of servicing a vehicle mirror assembly comprising the steps of:

- a) providing a mirror housing with a mirror pane;
- b) providing a magnetic activation device configured to selectively activate a mode switch disposed in the mirror housing, the magnetic activation device operable from external the mirror housing;
- c) placing the magnetic activation device proximate the mirror housing to selectively activate the mode switch; and
- d) activating a mode of operation of a functional device disposed in the mirror housing, the mode of operation configured for a diagnostic service.

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58. (New) The method of Claim ~~57~~, further comprising the substep of providing an indicator template to indicate a position of the mode switch, the indicator template defining a complimentary shape relative to a shape of the mirror pane for positive placement of the indicator template proximate the mirror pane.

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59. (New) The method as in Claim ~~58~~, wherein the indicator template has at least one extension having a mark disposed thereon to indicate the mode switch disposed in the mirror housing.

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60. (New) The method as in Claim ~~59~~, further comprising the substep of programming an activation signal in the activation device to correspond to a selected mode of operation.

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61. (New) The method as in Claim 60, further comprising the substep of positioning the activation device proximate the mode switch as indicated by the indicator template.--

REMARKS

In this Preliminary Amendment, Applicants have cancelled Claims 1-12 and added Claims 13-61. Claims 13, 32, 39, 45, 50 and 57 are Independent Claims and Claims 13-61 are pending.

Applicants have enclosed herewith a substitute specification and a marked up copy of the original specification in order to place the specification in more typical U. S. format. Applicants respectfully submit that new Claims 13-61 are patentable in view of the above Preliminary Amendment and respectfully request consideration and examination of the present application and the time allowance of the pending claims.

The Examiner is encouraged to contact the undersigned at his convenience should he have any questions regarding this application and to resolve any issued.

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